TLSP Accomplishments

February, 2011: Second Phase of Traffic Signals Retimed

The second phase of the traffic signal retiming effort, comprising of 109 intersections, was initiated in October 2010. The majority of the project has been completed, as shown on the "TLSP: Completed Traffic Signal Retiming" map. The retiming of traffic signals has been divided in to three implementation phases based on the installation of the new advanced traffic signal controller and the last time the signal was retimed.

July, 2010: West Area Traffic Signal Controllers and Communications System Upgraded

The West Area, shown on the "TLSP: Completed Project Components" map is substantially complete with 106 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone has also been installed that transmits the area's traffic data and future traffic video communications from the area's hub location to City Hall.

July, 2010: Fourth Group of Traffic Signals Retimed

The fourth group (last group) from the first of three phases of the traffic signal retiming effort has been completed, as shown on the "TLSP: Completed Traffic Signal Retiming" map. The retiming of traffic signals has been divided in to three implementation phases based on the installation of the new advanced traffic signal controller and the last time the signal was retimed.

March, 2010: Third Group of Traffic Signals Retimed

The third group from the first of three phases of the traffic signal retiming effort has been completed, as shown on the "TLSP: Completed Traffic Signal Retiming" map. The retiming of traffic signals has been divided in to three implementation phases based on the installation of the new advanced traffic signal controller and the last time the signal was retimed.

February, 2010: Southwest Area Traffic Signal Controllers and Communications System Upgraded

The South Area, shown on the "TLSP: Completed Project Components" map is substantially complete with 55 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone has also been installed that transmits the area's traffic data and future traffic video communications from the area's hub

location to City Hall.

December, 2009: North Area Traffic Signal Controllers and Communications System Upgraded

The North Area, shown on the "TLSP: Completed Project Components" map is substantially complete with 35 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone is under design to facilitate future traffic video communications from the area's hub location to City Hall. Anticipated completion date for the fiber backbone is October 2011.

December, 2009: South Area Traffic Signal Controllers and Communications System Upgraded

The South Area, shown on the "TLSP: Completed Project Components" map is substantially complete with 145 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone has also been installed that transmits the area’s traffic data and future traffic video communications from the area's hub location to City Hall.

November, 2009: Second Group of Traffic Signals Retimed

The second group from the first of three phases of the traffic signal retiming effort has been completed, as shown on the "TLSP: Completed Traffic Signal Retiming" map. The retiming of traffic signals has been divided in to three implementation phases based on the installation of the new advanced traffic signal controller and the last time the signal was retimed.

July, 2009: East Area Traffic Signal Controllers and Communications System Upgraded

The East Area, shown on the "TLSP: Completed Project Components" map is substantially complete with 23 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone has also been installed that transmits the area’s traffic data and future traffic video communications from the area's hub location to City Hall.

June, 2009: Southeast Area Traffic Signal Controllers and Communications System Upgraded

The Southeast Area, shown on the "TLSP: Completed Project Components" map

is substantially complete with 64 intersections having been equipped with the new advanced traffic signal controller and upgraded communication equipment. A fiber optic communications backbone has also been installed that transmits the area's traffic data and future traffic video communications from the area's hub location to City Hall.

May, 2009: First Group of Traffic Signals Retimed

With the Downtown area being complete, the first phase of traffic signal retiming has begun and the first of four groups of traffic signals have been retimed as shown on the " TLSP: Completed Traffic Signal Retiming " map. The retiming of traffic signals has been divided in to three implementation phases based on the installation of the new advanced traffic signal controller and the last time the signal was retimed. Retiming the traffic signals will reduce vehicle delay and improve travel times, thereby reducing vehicle stops, pollution, and fuel consumption.

April, 2009: Communications Hub Project Completed

The installation of six communication hub cabinets that will serve as the field aggregation point for traffic data and video communication has been completed. The installation of pull boxes and conduit that will support the installation of the fiber optic communications backbone from the hub locations to City Hall has also been completed.

March 30, 2009: Downtown Traffic Signal Controllers and Communications System Upgraded

The Downtown Area, as on the "TLSP: Completed Project Components" map, is substantially complete with 202 signalized intersections having been equipped with new advanced traffic signal controllers and an upgraded communications system. The new traffic signal controllers provide enhanced pedestrian signal control. The upgrade also provides Transit Signal Priority for the VTA

Route 522 Rapid Bus service and LRT. The Downtown upgrade of traffic signal controllers and communications system was selected as the first area due to the high volume of pedestrian activity and transit activity.